

10577470mm/dd/yyyy>

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(CS) field
NEWS 4 AUG 24 ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS 5 AUG 24 CA/CAPLUS enhanced with legal status information for
U.S. patents
NEWS 6 SEP 09 50 Millionth Unique Chemical Substance Recorded in
CAS REGISTRY
NEWS 7 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
thesaurus
NEWS 8 OCT 21 Derwent World Patents Index Coverage of Indian and
Taiwanese Content Expanded
NEWS 9 OCT 21 Derwent World Patents Index enhanced with human
translated claims for Chinese Applications and
Utility Models
NEWS 10 OCT 27 Free display of legal status information in CA/CAPLUS,
USPATFULL, and USPAT2 in the month of November.

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 10:26:34 ON 22 NOV 2009

=> file reg

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 10:26:41 ON 22 NOV 2009
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STRUCTURE FILE UPDATES: 20 NOV 2009 HIGHEST RN 1193036-95-1
DICTIONARY FILE UPDATES: 20 NOV 2009 HIGHEST RN 1193036-95-1

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

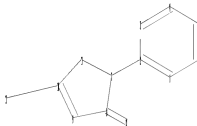
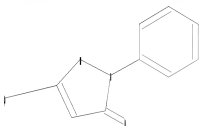
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\Stnexp\Queries\105774706.str



chain nodes :
12 13
ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
2-7 8-12 10-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11
exact/norm bonds :
2-7 7-8 7-11 8-12 10-11 10-13
exact bonds :
8-9 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :

10577470mm/dd/yyyy>

containing 1 : 7 :

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom

Generic attributes :

13:

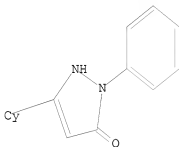
Saturation : Unsaturated

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:26:58 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 10487 TO ITERATE

19.1% PROCESSED 2000 ITERATIONS

5 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 203602 TO 215878

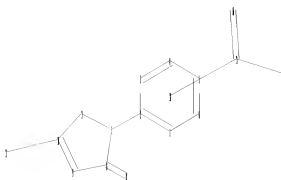
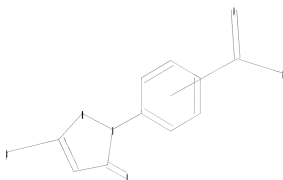
PROJECTED ANSWERS: 217 TO 831

L2 5 SEA SSS SAM L1

=>

Uploading C:\Program Files\Stnexp\Queries\105774707.str

10577470mm/dd/yyyy>



```
chain nodes :
12 13 15 16 17
ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
2-7 8-12 10-13 15-16 15-17
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11
exact/norm bonds :
2-7 7-8 7-11 8-12 10-11 10-13 15-16 15-17
exact bonds :
8-9 9-10
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 1 : 7 :
```

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:Atom 15:CLASS 16:CLASS 17:CLASS 18:Atom
Generic attributes :
13:
Saturation : Unsaturated
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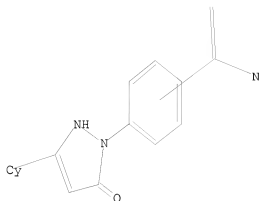
L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR

10577470mm/dd/yyyy>



Structure attributes must be viewed using STN Express query preparation.

=> s 13

SAMPLE SEARCH INITIATED 10:29:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 10487 TO ITERATE

19.1% PROCESSED 2000 ITERATIONS 2 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 203602 TO 215878
PROJECTED ANSWERS: 15 TO 403

L4 2 SEA SSS SAM L3

=> s 13 full

FULL SEARCH INITIATED 10:29:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 210525 TO ITERATE

100.0% PROCESSED 210525 ITERATIONS 40 ANSWERS
SEARCH TIME: 00.00.04

L5 40 SEA SSS FUL L3

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	187.80	188.02

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FILE COVERS 1907 - 22 Nov 2009 VOL 151 ISS 22
FILE LAST UPDATED: 20 Nov 2009 (20091120/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAPlus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

During November, try the new LSUS format of legal status information in the CA/CAPlus family databases for free! Complete details on the number of free displays and other databases participating in this offer appear in NEWS 10.

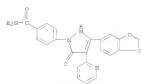
=> s l5

L6 2 L5

=> d ibib abs hitstr tot

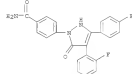
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16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)
 ACCESSION NUMBER: 2009:632975 CAPLUS
 DOCUMENT NUMBER: 150237493
 TITLE: Synthesis and biological evaluation of novel
 2,4,5-trialkyl-1H-pyrazol-3(2H)-ones as inhibitors of
 AK5
 AUTHOR(S): Liu, Xing Zhong; Dai, Xian Ping; Lai, Kang Yang; Wang,
 Li Shi Zhong; Shi, Bing; Li, Dong
 BEIJING INSTITUTE OF PHARMACOLOGY AND TOXICOLOGY,
 BEIJING, 100850, PEOP. REP. CHINA
 CHINESE CHEMICAL LETTERS (2009), 39(4), 379-382
 CODING CLARITY: 2009:1001-8437
 SOURCE: Elsevier, J.V.
 PUBLISHED: CASREACT 150237493
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S):
 AB 3 series of 2,4,5-trialkyl substituted 1H-pyrazol-3(2H)-ones, as
 activin-like kinase 5 (ALK5) inhibitors, were designed, synthesized and
 evaluated in vitro. Most compounds exhibited noticeable ALK5 inhibition
 activity at 1 μmol/L and displayed no cytotoxicity at 30 μmol/L.
 IT 1116051-31-0P 1116051-33-2P 1116051-35-4P
 1116051-37-0P 1116051-39-8P 1116051-41-2P
 1116051-43-4P
 NA ADM (adverse effect, including toxicity); PAC (Pharmacological
 activity); SBN (Synthetic preparation); BIOL (Biological study); PREP
 (preparation, cytotoxicity, and activin-like kinase 5 inhibition of
 acylpyrazolones)
 NH 1116051-31-0 CAPLUS
 CH Benzamide, 4-[(1-[3-benzoxazol-5-yl]-2,5-dihydro-5-oxo-4-(2-pyridinyl)-
 1H-pyrazol-3-yl)]- (CA INDEX NAME)

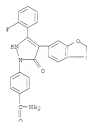


NH 1116051-33-2 CAPLUS
 CH Benzamide, 4-[(1-[3-benzoxazol-5-yl]-2,5-dihydro-4-(6-methyl-2-
 pyridinyl)-5-oxo-1H-pyrazol-3-yl)]- (CA INDEX NAME)

16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)
 NH 1116051-39-8 CAPLUS
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 pyrazol-3-yl)]- (CA INDEX NAME)

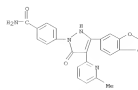


NH 1116051-43-2 CAPLUS
 CH Benzamide, 4-[(4-[1,3-benzoxazol-5-yl]-3-(2-fluorophenyl)-2,5-dihydro-5-
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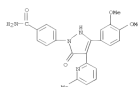


NH 1116051-49-4 CAPLUS
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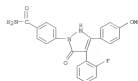
16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)



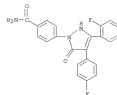
NH 1116051-35-4 CAPLUS
 CH Benzamide,
 4-[(2-[2,4-dimethoxyphenyl]-2,5-dihydro-4-(6-methyl-2-pyridinyl)-
 5-oxo-1H-pyrazol-3-yl)]- (CA INDEX NAME)



NH 1116051-37-6 CAPLUS
 CH Benzamide,
 4-[(4-[2-fluorophenyl]-2,5-dihydro-3-(4-methoxyphenyl)-5-oxo-1H-
 pyrazol-3-yl)]- (CA INDEX NAME)

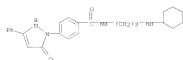


16 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)

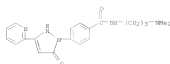


CS CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS
 RECORD
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE AS
 FORMAT

14 ANIML2 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)



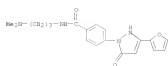
IN 852286-74-9 CAPLOS
 CN Benzanide, 4-[2,5-dihydro-5-oxo-3-(2-pyridinyl)-1H-pyrazol-1-yl]-N-[3-(dimethylamino)propyl]- (CA INDEX NAME)



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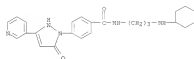
NN      852286-75-0  CAPLUS
CN      Benzanide,
N-[3-(dimethylamino)propyl]-4-[3-(2-furanyl)-2,5-dihydro-5-oxo-
1H-pyrazol-1-yl]- (CA INDEX NAME)

```



FN 852286-76-1 CAPLOS
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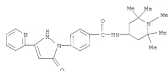
16 ANSWER 2 OF 2 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)



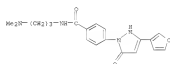
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NN  852286-80-7  CAPLUS
CN  Benzanide, 4-[2,5-dihydro-5-oxo-3-(2-pyridinyl)-1H-pyrazol-1-yl]-N-
    [2,2,2,6,6-pentanethyl-4-piperidinyl]- (CA INDEX NAME)

```

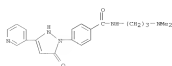


NN 852286-81-0 CAPLUS
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 N-[3-(dimethylamino)propyl]-4-[3-(3-furanyl)-2,3-dihydro-5-oxo-1H-pyrazol-1-yl]- (CA INDEX NAME)

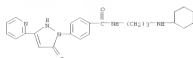


FN 851284-82-9 CAPLUS
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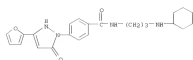
16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on 5TH (Continued)



FBI 852286-77-2 CAPLUS
 CN Benzanide, N-[3-(cyclohexylamino)propyl]-4-[2,5-dihydro-5-oxo-3-(2-pyridinyl)-1H-pyrazol-1-yl]- (CA INDEX NAME)

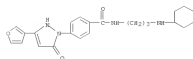


FBI 851286-78-3 CAPLOS
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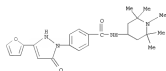


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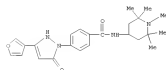
1.6 ANSWER 2 OF 2 CAPLOS COPYRIGHT 2009 ACS on STN (Continued)



FN 852286-83-0 CAPLUS
 CN Benzanide, 4-[3-(2-furanyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-
 (1,2,2,6,6-pentamethyl-4-piperidinyl)- (CA INDEX NAME)



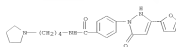
FN 852286-84-1 CAPLUS
 CN Benzanide, 4-[3-(3-furanyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-(1,2,2,6,6-pentamethyl-4-piperidinyl)- (CA INDEX NAME)



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FEI 852286-85-2 CAPLUS
CN Benzamide, 4-[3-(2-furanyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[4-(1-pyrrolidinyl)butyl]- (CA INDEX NAME)

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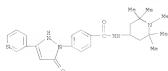
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16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)

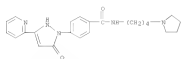
XX 852286-86-3 CAPLUS
CN Benamide, 4-[3-(3-furyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[4-(1-pyrrolidinyl)butyl]- (CA INDEX NAME)



XX 852286-87-4 CAPLUS
CN Benamide, 4-[2,5-dihydro-5-oxo-3-(2-pyridinyl)-1H-pyrazol-1-yl]-N-[1,2,2,6,6-pentamethyl-4-piperidinyl]- (CA INDEX NAME)



XX 852286-88-5 CAPLUS
CN Benamide, 4-[2,5-dihydro-5-oxo-3-(2-pyridinyl)-1H-pyrazol-1-yl]-N-[4-(1-pyrrolidinyl)butyl]- (CA INDEX NAME)

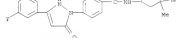


XX 852286-89-6 CAPLUS
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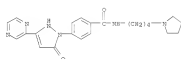


16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)

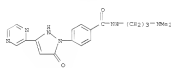
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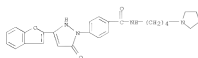
XX 852286-92-2 CAPLUS
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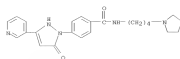
XX 852286-94-3 CAPLUS
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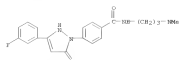
XX 852286-95-4 CAPLUS
CN Benamide, 4-[3-(2-benzofuranyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[4-(1-pyrrolidinyl)butyl]- (CA INDEX NAME)



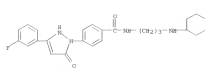
16 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS ON STN (Continued)



XX 852286-96-9 CAPLUS
CN Benamide, N-[3-(dimethylamino)propyl]-4-[3-(3-fluorophenyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]- (CA INDEX NAME)



XX 852286-91-6 CAPLUS
CN Benamide, N-[3-(cyclohexylamino)propyl]-4-[3-(3-fluorophenyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]- (CA INDEX NAME)

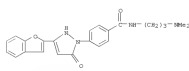


XX 852286-92-1 CAPLUS
CN Benamide, 4-[3-(3-fluorophenyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[1,2,2,6,6-pentamethyl-4-piperidinyl]- (CA INDEX NAME)

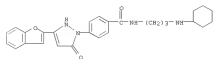


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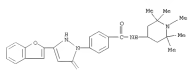
XX 852286-96-5 CAPLUS
CN Benamide, 4-[3-(2-benzofuranyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[3-(dimethylamino)propyl]- (CA INDEX NAME)



XX 852286-97-6 CAPLUS
CN Benamide, 4-[3-(2-benzofuranyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[3-(cyclohexylamino)propyl]- (CA INDEX NAME)



XX 852286-98-7 CAPLUS
CN Benamide, 4-[3-(2-benzofuranyl)-2,5-dihydro-5-oxo-1H-pyrazol-1-yl]-N-[1,2,2,6,6-pentamethyl-4-piperidinyl]- (CA INDEX NAME)



OS CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
REFERENCE COUNT: 11 (1 CITING)
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LOGOFF? (Y)/N/HOLD:y

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SESSION

FULL ESTIMATED COST

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

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SESSION

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